PATENT APPLICATION

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Tasuku HONJO et al.

Appln. No.: 09/674,379

Confirmation No.: Not Yet Assigned

Filed: October 30, 2000

For: A NOVEL POLYPEPTIDE, A cDNA ENCODING THE POLYPEPTIDE AND

UTILIZATION THEREOF

STATEMENT OF ADDED INVENTORS UNDER 37 C.F.R. § 1.497(d) FOR CORRECTING INVENTORSHIP

BOX PCT Commissioner for Patents

Washington, D.C. 20231

Sir:

Each of the below-named persons is being added as a named inventor on the above-identified application, which is the U.S. national stage application based on International Application No. PCT/JP99/02284. None of us was identified as an inventor on International Application No. PCT/JP99/02284. Each of us hereby declares that the failure to name each of us, respectively, as an inventor on PCT/JP99/02284, was an error and that the error occurred without deceptive intention on our part.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful statements and the like so made are punishable by fine or imprisonment or both under 18 USC §1001, and may jeopardize the validity of the application or any patent issuing thereon.

Date:	11/27/01	& Kerneth faids	
	/	s/Kenneth Jacobs	,
Date:)
Date:	11/2/2	s/John M. McCoy Lisa S. Collins - Racie)
6	1112/101	s/Lisa A. Collins-Racie	<u>, j.</u>

Date:	11/27/01 D Thomas R. Fallie)
Date:	s/Edward R. LaVallie	
Date:	s/Maurice Treacy)
Date:	11/28/01 p Michael Cont)
Date:	s/Michael J. Agostino 11/27/2001 & Zlutino Lu	.)
Date:	s/Zhihian Lu	
	s/David Merberg	

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	s/Lisa A. Collins-Racie	

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Date:	6)
·	s/Kenneth Jacobs	
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Date:		/
	s/David Merberg	

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I/We as below named inventors, I/We hereby declare that our residence, mailing addresses and citizenship are as stated below next to

A NOVEL POLYPHOLDE CDNA ENCODING THE POLYPEPTIDE AND UTILIZATION THEREOF Which application is: The attached application (for original application) JAN 2 5 2002 (for declaration not accompanying application) I/We have reviewed and understand the contents of the specification of the above-identified application, including the claims amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware and which material to the patentability of this application as defined in 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35, United the patentability of this application as defined in 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35, United the patentability of this application as defined in 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35, United the patentability of this application as defined in 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35, United the patentability of this application as defined in 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35.	f
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States Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, §119(e) of any United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of PCT International application having a filing date before that of the application on which priority is claimed:	h is ited ates ited
Application Number Country Filing Date Yes No	
Hei. 10-119731 Japanese April 28, 1998 🗹 🗍	
I/We hereby claim the benefit under 35 United States Code §120 of any United States application(s), or §365(c) of any P International application designating the United States, listed below and, insofar as the subject matter of each of the claims of application is not disclosed in a listed prior United States or PCT International application in the manner provided by the f paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or P international filing date of this application:	this irst of
Application No. Filing Date Status	
I/We hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,0	o2.
Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,66 Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. 128,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. 131,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. 132,197; William H. Mandir, Reg. No. 32,156; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 36,359, John T. Callahan, Reg. No. 32,607, Steven M. Gruskin, Reg. No. 36,818, Peter A. McKen Reg. No. 38,551 and Edward F. Kenehan, Reg. No. 28,962, my attorneys to prosecute this application and to transact all business the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213.	25; No. C. No. No. E. 03, na, in
Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. 128,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. 131,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. 132,197; William H. Mandir, Reg. No. 32,156; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 36,359. John T. Callahan, Reg. No. 32,607, Steven M. Gruskin, Reg. No. 36,818, Peter A. McKen Reg. No. 38,551 and Edward F. Kenehan, Reg. No. 28,962, my attorneys to prosecute this application and to transact all business the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed	25; No. C. No. No. E. 03, na, in to
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Citizenship

Japanese

Residence Kyoto Japan JX, Signature Lindbine City State/Country Mailing Address: 93, Higgs bao-cho, Koyama, Kita-ku, Kyoto-shi, KYOTO 603-8162 JAPAN Citizenship Japanese JAN 2 5 2007	Date —		- 0.	Second Inventor	Kei First Name	Middle Initial	TASHIRO Last Name
Mailing Address: 93. Hierari bao-cho, Koyama, Kita-ku, Kyoto-shi, KYOTO 603-8162 JAPAN Third Inventor Tomoyuki First Name Middle Initial Last Name Residence San Diego, California U.S.A. C. Signature City State/Country Mailing Address: 7665, Palmira Dr., #5324, San Diego, CA Signature Fourth Inventor Kenneth First Name Middle Initial Last Name Residence Reading, MA U.S.A. Signature Mailing Address: 151 Beaumont Avenue, Reading, MA 01867 Sitizenship U.S. Pirth Inventor John M. McCoy First Name Middle Initial Last Name Signature Fifth Inventor John M. McCoy Active State/Country Mailing Address: 56 Howard Street, Reading, MA 01867 Signature Signature Signature Fifth Inventor John M. McCoy First Name Middle Initial Last Name Active State/Country Mailing Address: 56 Howard Street, Reading, MA 01867	\ \Residence			X Signat	·—— —		
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Date				Seventh I	nventor	Edward R.		LaVallie
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Date				Ninth Inve	entor	Cheryl		Evans
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Mailing Addr	ess:	19326 Gol	den Meadow Dri	ve, German	town, M	D 20876		•
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Date				Tenth Inve	entor	Michael J.		Agostino
D :1						First Name	Middle Initial	Last Name
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Mailing Addre	ess:	26 Wolcott	Avenue, Andove	er, MA 018	10			
Citizenship	U.S.							
Chizenship								
Date				Eleventh		Zhijian		Lu
				Inventor	-	6:		
Residence	Bedford, M	1A	U.S.A.		Signaty	First Name	Middle Initial	Last Name
	City		State/Country	· · · · · · · · · · · · · · · · · · ·	2.5.1.2.1			
A.G. Dillion A. A. A. A.		120 0115	_		, ,			
Mailing Addre	ess:	120 Old Bu	rlington Road, B	edford, MA	01730			

SOLE/JOINT

DECLARATION AND POWER OF ATTORNEY

4,67 \$10,11

I/We as below named inventors, I/We hereby declare that our residence, mailing addresses and citizenship are as stated below next to my name: that verily believe I/We are the original, inventors (if only one name is listed below) or an original, first and joint inventor

(if plural names are lister	d below) of the subject matter	claimed and for which	ch a patent is sou	ght in the application	n entitled:
A NOVEL	POLYPEPTIDE, A CONA EN	CODING THE POL	YPEPTIDE AN	D UTILIZATION T	HEREOF
Which application is:					
(for original application)	application 2 5 2002			tion No. 09/674,3	
(for original application)				02284, filed April 28	S. national stage of
					,,
1/31/- 1	RADEMARKS	d en e	(for declara	tion not accompany	ing application)
amended by any amendr	d understand the contents of nent referred to above; that I	the specification of	the above-identi	fied application, inc	luding the claims, as
material to the patentabil	ity of this application as defin	ed in 37 C.F.R. 1.56,	that I hereby cla	im priority benefits	under Title 35. United
States Code §119(a)-(d)	or §365(b) of any foreign a	pplication(s) for pate	ent or inventor's	certificate, §119(e)	of any United States
provisional application(s), or §365(a) of any PCT Inter I below and have also identif	national application	which designated	at least one country	other than the United
PCT International application	ation having a filing date befo	re that of the applicat	ion on which pri	ority is claimed:	s certificate or of any
					y Claimed
Application Number	Country	Fili	ng Date	Yes	No
Hei. 10-119731	Japanese	Apri	28, 1998	☑	
I/We hereby claim the	hanafit under 25 II-ital Ct-	tos Codo \$130 - C	man IImias J. Carr	1: ()	2266() 6 700
International application	benefit under 35 United States designating the United States	tes Code §120 of a	ny United States	s application(s), or	§365(c) of any PCT
application is not disclo	sed in a listed prior United	States or PCT Inter	national applicat	ion in the manner	provided by the first
paragraph of Title 35, U	nited States Code, §112, I acl	mowledge my duty t	o disclose any ir	formation material	to the patentability of
this application as define international filing date of	d in 37 C.F.R. 1.56 which oc	curred between the f	iling date of the	prior application an	d the national or PCT
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Application	190.	Filing Date		Status	
I/We hereby appoint Joh	n H. Mion, Reg. No. 18,879	Thomas I Manual	. D N- 10.2	03. D-1 + 1. C	7 D M 01000
Darryl Mexic, Reg. No. 2	23,063; Robert V. Sloan, Reg.	No. 22.775: Peter D	k, Reg. No. 19,2 . Olexy. Reg. No.	92; Robert J. Seas, . 24 513: J. Frank O.	Jr., Reg. No. 21,092;
Waddell A. Biggart, Reg.	. No. 24,861; Louis Gubinsky	Reg. No. 24,835; N	eil B. Siegel, Reg	g. No. 25,200; David	J. Cushing, Reg. No.
28,703; John R. Inge, Re	eg. No. 26,916; Joseph J. Ru	ch, Jr., Reg. No. 26,	577; Sheldon I.	Landsman, Reg. No.	o. 25,430; Richard C.
31 333: Gordon Kit Reg	; Howard L. Bernstein, Reg. No. 30,764; Susan J. Mack,	No. 25,665; Alan J. Reg. No. 30,051: Fra	Kasper, Reg. No	. 25,426; Kenneth J	. Burchfiel, Reg. No.
32,197; William H. Man	dir, Reg. No. 32,156; Brian V	W. Hannon, Reg. No	. 32,778; Abraha	m J. Rosner, Reg.	No. 33.276: Bruce E.
Kramer, Reg. No. 33,725	; Paul F. Neils, Reg. No. 33,1	02; Brett S. Sylveste	r, Reg. No. 32,70	65; Robert M. Mast	ers, Reg. No. 35,603,
George F. Lehnigk, Reg.	No. 36,359, John T. Callaha	n, Reg. No. 32,607,	Steven M. Grusk	in, Reg. No. 36,818	S, Peter A. McKenna,
the Patent and Trademan	ward F. Kenehan, Reg. No. 28 k Office connected therewith	,902, my aπorneys to and request that a	o prosecute this i	application and to tr	ansact all business in
SUGHRUE, MION, Z	INN, MACPEAK & SEAS	S, PLLC, 2100 Penn	sylvania Avenue.	N.W., Washington.	D.C. 20037-3213.
	all statements made herein of				
belief are believed to be t	rue; and further that these state	ements were made w	ith the knowledg	e that willful false s	catements and the like
so made are punishable l	by fine or imprisonment, or b	oth, under Section 1	001 of Title 18	of the United States	S Code and that such
willful false statements m	ay jeopardize the validity of the	ne application or any	patent issuing th	ereon.	
Date		First Inventor	Tasuku		OLNOH
Residence Kyoto	Japan	Signatu	First Name	Middle Initial	Last Name
City	State/Country	Signatu		7/25/	
·	•				
Mailing Address:	19-4, Ohsagi-cho, Iwakura,	Sakyo-ku, Kyoto-sh	i, KYOTO 606-0	001 JAPAN	
Citizenship Japanese	<u> </u>				

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Date				Inventor Ke	ri		TASHIRO
					t Name	Middle Initial	Last Name
Residence	Kyoto	Japan	1	Signature	Lei	tastino	_
	City		/Country			4- 77700	
Mailing Add	ress:	93, Higashiohno-	cho, Koyama, Kita-	ku, Kyoto-shi, I	KYOTO 603	-8162 JAPAN	
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Citizenship	Japanese	JAN 2 5 200	201				
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Date			Third In		moyuki		NAKAMURA
		RADEMAR		Firs	t Name	Middle Initial	Last Name
Residence		, California U.S.A	١.	Signature	Tone	nohn	
	City	State/	Country	•	7		
Mailing Addı	ress:	7665, Palmira Dr.	, #5324, San Diego,	, CA			

Citizenship	Japanese						
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Date —			Fourth I	/ - 			JACOBS
رو		.		. •	t Name	Middle Initial	Last Name
Residence	Reading, N			_ Signature _	Kennet	t prov	-
	City	State/	Country		•	/	
Anilina Add-		151 Dec	Newton	02460KJ	MA		
Mailing Addr	C35.	131 beaumont Av	enue, Reading, MA	<u> </u>	11177		

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Citizenship	U.S.						
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Date			Fifth Inv			14:11	McCoy
esidence	Dandina 1	1 Λ 11Ω Δ		y	Name	Middle Initial	Last Name
esidelice.	Reading, M City			_ Signature _			
	Спу	State/0	Country				
Sailing Addre	ess:	56 Howard Street	Reading, MA 0186	67			
	~ 53.	30 Howard Succe,	reading, WIA 0100	<i>,</i> ,			
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itizenship	<u>U.K.</u>						
ae)	- / . / -	27/01	Cinch to	ontor \originate	. 4		C-III- D
	11/2		Sixth Inv		Name	Middle Initial	Collins-Racie
esidence	Acton, MA	U.S.A.			S. a.	A D. D.	Last Name
	City		Country	_ Signature _	gasa	4 - Colum	s- Kacie
	<i></i>	State/C	Journa y		-	•	
failing Addre	ess:	124 School Street	Acton, MA 01720	MA			•
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itizenship	U.S.						

U.S.

Date		Twelfth	Inventor David		Merberg	
Residence	Acton, MA		First Name Signature	Middle Initial	Last Name	
	City	State/Country			•	
Mailing Address:		2 Orchard Drive, Acton, MA 01720		1		
	-					
Citizenship	U.S.					

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P.UIEDUE

DECLARATION AND POWER OF ATTORNEY

I/We as below named inventors, I/We hereby declare that our residence, mailing addresses and citizenship are as stated below next to my name: that verily believe I/We are the original; inventors (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

(if plural na	mes are listed	below) of the subject matter	claimed and for whi	name is listed ich a patent is s	below) or an origing to the cought in the application in the application.	al, first and joint inver ation entitled:	itor
Which appli	cation is:	OLYPEPTIDE POPNA EN					
	he attached ap	· / 51			☑ Application No. <u>09/674,379</u>		
(for original	application)	JAN : 2 5 2002 H			tober 30, 2000 as th 99/02284, filed Apr	e U.S. national stage o	f
		JAN : 2 5 2002 u		FCI/JF	99/02264, Illeu Apr.	11 28, 1999	
		The state of		(for dec	aration not accomp	anying application)	
amended by material to the States Code provisional a States of An	any amendmented patentability \$119(a)-(d) of application(s), nerica, listed	understand the CEN ents of ent referred to above; that I as yof this application as defined by \$365(b) of any foreign at or \$365(a) of any PCT Interbelow and have also identification having a filing date before	acknowledge my du ed in 37 C.F.R. 1.56 pplication(s) for par national application ied below any forei	the above-ide ty to disclose in that I hereby tent or inventor which designate gn application	entified application, information of which claim priority bene or's certificate, §119 ted at least one cou- for patent or inver	, including the claims, h I am aware and which fits under Title 35, Uni P(e) of any United Sta ntry other than the Uni	h is ited ites ited
Annlicat	ion Number	Country	r::	i D		iority Claimed	
		Country		ing Date		es No	
Hei.	0-119731	Japanese	Apr	il 28, 1998	5	7 0	
paragraph of this applicati	Title 35, Uni on as defined	ed in a listed prior United ited States Code, §112, I ack in 37 C.F.R. 1.56 which oc this application:	cnowledge my duty curred between the	to disclose an	y information mater he prior application	rial to the patentability n and the national or Po	of
	Application N	10.	Filing Date	•	Statu	ıs	
Darryl Mexic Waddell A. I 28,703; John Turner, Reg. 31,333; Gorc 32,197; Will Kramer, Reg George F. Le Reg. No. 38, the Patent an	c, Reg. No. 23 Biggart, Reg. R. Inge, Reg. No. 29,710; Ion Kit, Reg. iam H. Mand No. 33,725; chnigk, Reg. 1 551 and Edward Trademark	H. Mion, Reg. No. 18,879; 8,063; Robert V. Sloan, Reg. No. 24,861; Louis Gubinsky, g. No. 26,916; Joseph J. Ru. Howard L. Bernstein, Reg. No. 30,764; Susan J. Mack, No. 30,764; Susan J. Mack, No. 30,764; Susan J. Mack, No. 32,156; Brian V. Paul F. Neils, Reg. No. 33,1 No. 36,359, John T. Callahar ard F. Kenehan, Reg. No. 28; Office connected therewith NN, MACPEAK & SEAS	No. 22,775; Peter D. Reg. No. 24,835; No. 1, Reg. No. 26, No. 25,665; Alan J. Reg. No. 30,951; Fr W. Hannon, Reg. N. 02; Brett S. Sylvest n, Reg. No. 32,607, 8,962, my attorneys n, and request that S, PLLC, 2100 Pen.	D. Olexy, Reg. Jeil B. Siegel, 5,577; Sheldon Kasper, Reg. ank L. Bernste o. 32,778; Abrer, Reg. No. 3: Steven M. Grato prosecute thall correspondnsylvania Average 18 18 18 18 18 18 18 18 18 18 18 18 18	No. 24,513; J. Fran Reg. No. 25,200; D. I. Landsman, Reg No. 25,426; Kenne in, Reg. No. 31,484 aharn J. Rosner, Re 2,765; Robert M. Muskin, Reg. No. 36 uis application and ence about the app ine, N.W., Washing	k Osha, Reg. No. 24,62 avid J. Cushing, Reg. No. 25,430; Richard oth J. Burchfiel, Reg. No. 34,62; Mark Boland, Reg. No. 33,276; Bruce Masters, Reg. No. 35,60,818, Peter A. McKento transact all business olication be addressed ton, D.C. 20037-3213.	25; No. C. No. No. E. 03, na, in
oelief are bel so made are	ieved to be tra punishable b	Ill statements made herein of ue; and further that these state y fine or imprisonment, or b y jeopardize the validity of th	ements were made vooth, under Section	vith the knowle 1001 of Title	edge that willful fal- 18 of the United S	se statements and the li	ike
Date			First Inventor	Tasuku		HONJO	
				First Name	Middle Initial	Last Name	
Residence	Kyoto	Japan	Signate	ure	\$ \(\frac{1}{2} \right)		
	City	State/Country			y		
Mailing Add	ress:	19-4, Ohsagi-cho, Iwakura,	Sakyo-ku, Kyoto-s	hi, KYOTO 60	6-0001 JAPAN		
		7			14.11.00		
Citizenship	Japanese						

<u> </u>						Must with them week that them
Date			Second Inventor	Kei		TASHIRO
Residence	Kyoto	Japan	Signatu	First Name	Middle Initial	Last Name
	City	State/Country				
Mailing Add	ress:	93, Higashiohno-cho, Koya	ma, Kita-ku, Kyoto-	shi, KYOTO 603	-8162 JAPAN	
Citizenship	Japanese			-		
Date			Third Inventor	Tomoyuki		NAKAMURA
Residence	San Diego.	California U.S.A. State/Country	Signatu	First Name re Jo	Middle Initial	Last Name
Mailing Addı	-	7665, Palmira Dr., #5324, S	an Diego, CA			
Citizenship	Japanese					
Date			Fourth Inventor	Kenneth		JACOBS
Residence	Reading, M	IA U.S.A. State/Country	Signatur	First Name	Middle Initial	Last Name
Mailing Addr	_	151 Beaumont Avenue, Read	ding, MA 01867			
Citizenship	U.S.					
710AP	112801		Fifth Inventor	John M. Oo		-McCov
Residence	Reading, M	(A U.S.A State/Country	Signatur	First Name	Middle Initial	Last Name
Mailing Addr		56 Howard Street, Reading,	MA 01867 <i>MA</i>	/		
Citizenship	U.K.					
Date			Sixth Inventor 💆	Lisa A.		Collins-Racie
Residence	Acton, MA	U.S.A. State/Country	Signatur	First Name e	Middle Initial	Last Name
Mailing Addre		124 School Street, Acton, M.	A 01720			

_U.S.

Date				Seventh Inver	ntor			LaVallie
David	77 1 1		*** 0 .	٠.	人	First Name	Middle Initial	Last Name
Residence	Harvard, 1 City	MA	U.S.A State/Country	Sig	gnatu	ře		
	City		State/Country					
Mailing Add	ress:	113 Ann I	ee Road, Harvar	d, MA 01452				
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Citizenship	U.S.		·					
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Date				Eighth Invent	or	Maurice		Treacy
					-	First Name	Middle Initial	Last Name
Residence	Dun	Laoghaire,	IRELAND	Sig	gnatui	(e		
	County of City	Dublin	Shaha/Ca			<i>~</i>		
	City		State/Country			•	•	
Mailing Adda	ress:	38 Clarind	a Park East, Dun	Laoghaire, Cou	inty D	Oublin, IRELAND)	
Citizenship	IRELAN	D				· · · · · · · · · · · · · · · · · · ·		
Date				NT ALL T		C1 1		_
				Ninth Inventor	r -	Cheryl First Name	Middle Initial	Evans Last Name
Residence	Germantov	vn, MD	U.S.A.	Sig	natur	10	wildle milia	
	City		State/Country		/	· ·		
Mailina Add		10226 6 1						
Mailing Addr	ess:	19326 Gold	den Meadow Driv	ve, Germantown	ı, ML	20876		
Citizenship	United Ki	nødom						
		nguom .						
Date				Tenth Inventor	г	Michael J.		Agostino
Residence	A d	.	T. C. A	a -		First Name	Middle Initial	Last Name
Residence	Andover, N	AA	U.S.A. State/Country	Sig	natur	%/		
	•		Ştate/Country	•	,			
Mailing Addr	ess:	26 Wolcott	Avenue, Andove	er, MA 01810				
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Citizenship	U.S.							,
Date				Eleventh		Zhijian		T
<u></u>				Inventor		angiali		Lu
					Ü	First Name	Middle Initial	Last Name
Residence	Bedford, M	IA	U.S.A.	Sign	natyří			····
	City		State/Country		/			
Mailing Addre	ess:	120 Old Bu	rlington Road, B	edford, MA 01	730			
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Date			Twelfth Inventor	David		Merberg	
Residence	Acton, MA		Signati	First Name	Middle Initial	Last Name	
	City	State/Country!					
Mailing Addr	ess:	2 Orchard Drive, Acton, MA	01720				
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Citizenship	U.S.						

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I/We as below named inventors, I/We hereby declare that our residence, mailing addresses and citizenship are as stated below next to my name: that verily believe I/We are the original, inventors (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

(if plural names are listed	l below) of the subject matte	er claimed and for wh	ich a patent is soug	ght in the application	entitled:
A NOVEL I Which application is:	POLYPEPTIDE A CONA I	ENCODING THE PO	LYPEPTIDE AND	UTILIZATION TH	IEREOF
☐ The attached a	pplication/		☑ Applicat	tion No. 09/674,37	19
(for original application)	JAN 2 5 2002	66) 1)	filed Octobe	er 30, 2000 as the U.	S. national stage of
	understand de 4 contrate o	<i>Ŋ</i>		, <u></u>	,
	E	3 /	(for declara	tion not accompanyi	ng application)
I/We have reviewed and	understand the contests of	of the specification o	f the above-identif	fied application, inc	luding the claims, as
amended by any amendm	ent referred to above; that	l acknowledge my du	ity to disclose infor	rmation of which I a	n aware and which is
material to the patentabili	ty of this application as def	ined in 37 C.F.R. 1.56	5, that I hereby clai	im priority benefits t	nder Title 35, United
States Code §119(a)-(d)	or §365(b) of any foreign	application(s) for pa	tent or inventor's	certificate, §119(e)	of any United States
provisional application(s)	, or §365(a) of any PCT Int	ernational application	which designated	at least one country	other than the United
DCT International applica	below and have also ident	filled below any forei	ign application for	patent or inventor's	certificate or of any
r CT International applica	tion having a filing date bet	fore that of the applica	ation on which pric	ority is claimed:	
Application Number	Country	Fi	ling Date	Priority <u>Yes</u>	Claimed No
Hei. 10-119731	Japanese	Арт	ril 28, 1998	\square	
paragraph of Title 35, Un	sed in a listed prior United ited States Code, §112, I and in 37 C.F.R. 1.56 which of this application:	cknowledge my duty	to disclose any in	formation material t	o the patentability of
Application	No.	Filing Date		Status	•
Darryl Mexic, Reg. No. 2. Waddell A. Biggart, Reg. 28,703; John R. Inge, Re Turner, Reg. No. 29,710; 31,333; Gordon Kit, Reg. 32,197; William H. Mano Kramer, Reg. No. 33,725; George F. Lehnigk, Reg. Reg. No. 38,551 and Edwhe Patent and Trademark SUGHRUE, MION, ZI	n H. Mion, Reg. No. 18,87 3,063; Robert V. Sloan, Reg. No. 24,861; Louis Gubinsk g. No. 26,916; Joseph J. R. Howard L. Bernstein, Reg. No. 30,764; Susan J. Mack lir, Reg. No. 32,156; Brian Paul F. Neils, Reg. No. 33 No. 36,359, John T. Callal rard F. Kenehan, Reg. No. 36 k Office connected therew TNN, MACPEAK & SEA all statements made herein ue; and further that these stray fine or imprisonment, or any jeopardize the validity of	g. No. 22,775; Peter I cy, Reg. No. 24,835; Nauch, Jr., Reg. No. 26, No. 25,665; Alan Jr., Reg. No. 30,951; France, W. Hannon, Reg. No. 31,02; Brett S. Sylvesinan, Reg. No. 32,607, 28,962, my attorneys ith, and request that AS, PLLC, 2100 Penof my own knowledgatements were made very both, under Section	D. Olexy, Reg. No. Neil B. Siegel, Reg 5,577; Sheldon I. I. Kasper, Reg. No. rank L. Bernstein, I. O. 32,778; Abraha ter, Reg. No. 32,76, Steven M. Grusk to prosecute this a all correspondence in sylvania Avenue, the are true and that with the knowledge 1001 of Title 18 of the series of the seri	24,513; J. Frank Os. No. 25,200; David Landsman, Reg. No. 25,426; Kenneth J. Reg. No. 31,484; Mam J. Rosner, Reg. No. 36,818 in, Reg. No. 36,818 application and to trae about the application. W., Washington, all statements made that willful false state of the United States	ha, Reg. No. 24,625; J. Cushing, Reg. No. 25,430; Richard C. Burchfiel, Reg. No. ark Boland, Reg. No. No. 33,276; Bruce E. ers, Reg. No. 35,603, Peter A. McKenna, ansact all business in ion be addressed to D.C. 20037-3213.
Date	,	First Inventor	Tasuku		ONJO
		st intention	First Name		ast Name
Residence Kyoto	Japan	Signat		5×57	
City	State/Country			T/>//-	
Mailing Address: .	19-4, Ohsagi-cho, Iwakur	ra, Sakyo-ku, Kyoto-s	hi. KYOTO 606-0	001 JAPAN	
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Residence	Kyoto	İar	oan	ç:.	F gnature	irst Name	Middle Initial	Last Name
residence	City		te/Country	51	gnature	7-61	asten	9-
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Mailing Add	ress:	93, Higashionn	o-cno, Koya	ama, Kita-ku, K	oto-sh	i, KYOTO 6	03-8162 JAPAN	
				<u> </u>				
Citizenship	Japanese							
						."		
Date				Third Invento	r Т	omoyuki		NAKAMURA
				_	F	irst Name	Middle Initial	Last Name
Residence	San Diego City	, California U.S		Sig	gnature	702	1. noha	
	City	Sta	te/Country			1		
Mailing Add	ress:	7665, Palmira I	Or., #5324, S	San Diego, CA		, <u></u>	·	
Citizenship	Innanasa			,				· · · · · · · · · · · · · · · · · · ·
Citizenship	Japanese							
						•••		
Date			 ·	Fourth Invento		enneth rst Name	Middle Initial	JACOBS
Residence	Reading, M	ÍA U.S	S.A.	Sig	nature		wilddie fiftiai	Last Name
	City		te/Country					
Mailing Addi	ress:	151 Beaumont A	Avenue Rea	ading MA 0186	57			
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Citizenship	U.S.							
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Date				Fifth Inventor	χ	ohn M.		McCoy
Posidonos	Danding V	IA II.C			2	rst Name	· Middle Initial	Last Name
Residence	Reading, M City		.A e/Country	Sig	nature			
			•					
Mailing Addr	ess:	56 Howard Stree	et, Reading,	MA 01867				
Citizenship	U.K.							
Citizensinp	<u> </u>							
D-4-	***************************************	•		G:	١ -			
Date				Sixth Inventor	Z Li	sa A.	Middle Initial	Collins-Racie Last Name
Residence	Acton, MA	U.S	.A.	Sig			whome minal	Last Ivallic
	City	Stat	e/Country			,		
Mailing Addre	ess:	124 School Stree	et Acton M	1A 01720				
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Citizenship	U.S.							

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Date				Seventh I	nventor	Edward R.		F -37-11"-
				_ Seveniii i	Includi	First Name	Middle Ini	LaVallie itial Last Name
Residence	Harvard,	MA	U.S.A		Signati	пе 		
	City		State/Country					
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Date, Second	mber O		_	Eighth In		Maurice		Т
(1) JECH	MUCI C	•		_	veinoi	First Name	Middle hi	Treacy tial Last Name
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Date				Tenth Inve	entor	Michael J. First Name	Middle Init	Agostino ial Last Name
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Citizenship	ii c							
Citizensinp	_U.S.	 						
Date				Eleventh		Zhijian		Lu
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DECLARATION AND POWER OF ATTORNEY

SOLE/JOINT

I/We as below named inventors, I/We hereby declare that our residence, mailing addresses and citizenship are as stated below next to my name: that verily believe I/We are the original, inventors (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

	below) of the subject matter cla					
A NOVEL P	OLYPEPTILO, APCIEVA ENCO	DING THE POI	YPEPTIDE AN	O UTILIZATION	ΓHEREOF	
which application is:						
☐ The attached ap	pplication JAN 2 5 2002			tion No. 09/674,		
(for original application)	understand the contents of the		filed Octob	er 30, 2000 as the	U.S. national stage	of
			РСТ/ЈР99/	02284, filed April 2	28, 1999	
	Ex MS					
I/We have reviewed and	understand the contents of the		(for declara	tion not accompan	ying application)	
amended by any amendme	understand the contents of the ent referred to above; that I ack	specification of	me above-idenn	ned application, in	icluding the claims	s, as
material to the patentabilit	y of this application as defined i	n 37 C F R 1 56	that I bereby cla	imation of which i	alli aware and wmi	on is
States Code §119(a)-(d) o	or §365(b) of any foreign appli	ication(s) for pat	ent or inventor's	certificate 8119(e	of any United St	tates
provisional application(s),	or §365(a) of any PCT Internati	ional application	which designated	at least one countr	v other than the Ur	nited
States of America, listed 1	below and have also identified	below any foreig	m application for	patent or inventor	r's certificate or of	any
PCT International applicat	tion having a filing date before the	nat of the applica	tion on which pri-	ority is claimed:		-
	•			Prior	ity Claimed	
Application Number	Country	Fili	ing Date	Yes	No	
Hei. 10-119731	Japanese	Apri	l 28, 1998	\Box		
I/We hereby claim the be	enefit under 35 United States	Code §120 of a	ny United States	application(s), or	\$365(c) of any H	PCT
International application d	lesignating the United States, li	sted below and,	insofar as the sul	biect matter of eac	h of the claims of	this
application is not disclose	ed in a listed prior United Sta	tes or PCT Inter	mational applicat	ion in the manner	provided by the	first
paragraph of Title 35, Uni	ited States Code, §112, I acknow	wledge my duty	to disclose any ir	formation materia	to the patentability	y of
international filing date of	in 37 C.F.R. 1.56 which occurr	red between the f	filing date of the	prior application a	nd the national or I	2CT
international filing date of	uns application:				•	
Application N	ο.	Filing Date		Status		
			,			
We hereby appoint John	H. Mion, Reg. No. 18,879; Th	iomas I Macnea	k Reg No 192	02. Robert I Seas	Ir Dag No 21 (າດວ.
Darryl Mexic, Reg. No. 23	,063; Robert V. Sloan, Reg. No.	. 22.775: Peter D	. Olexy Reg No.	24 513: I Frank (, Jr., Reg. No. 21,0 Osha Reg. No. 24.6	192; 525:
Waddell A. Biggart, Reg. 1	No. 24,861; Louis Gubinsky, Re	g. No. 24.835; N	eil B. Siegel. Res	. No. 25.200: Davi	d I Cushing Reg	νο,
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Turner, Reg. No. 29,710;	Howard L. Bernstein, Reg. No.	25,665; Alan J.	Kasper, Reg. No	. 25,426: Kenneth	J. Burchfiel, Reg.	No
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he Patent and Trademark	ord F. Kenehan, Reg. No. 28,96	2, my attorneys t	o prosecute this	application and to	transact all busines	s in
SIGHRUF MION ZE	Office connected therewith, a	nd request that a	ili correspondenc	e about the applic	ation be addressed	l to
	NN, MACPEAK & SEAS, P					
/We hereby declare that a	ll statements made herein of my	own knowledge	are true and tha	t all statements ma	de on information :	and
belief are believed to be tru	ie; and further that these stateme	nts were made w	ith the knowledge	e that willful false	statements and the	like
o made are punishable by	fine or imprisonment, or both	, under Section !	1001 of Title 18	of the United State	es Code and that si	uch
viiitui taise statements mag	y jeopardize the validity of the a	pplication or any	patent issuing the	ereon.		
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Citizenship	IRELAN	D.	- , ", , , , , , , , , , , , , , , , , ,			.,	
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Date				Ninth Inventor	Cheryl First Name	Middle Initial	Evans Last Name
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Citizenship	11.0						
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Citizenship	d's_		•						
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PARTER	BADEMARK								•